PERSISTENCE OF TERBUTHYLAZINE WITH REPEATED ADDITION OF DE-OILED TWO PHASE OLIVE MILL WASTE IN OLIVE GROVES
Albarrán A., López-Piñeiro A., Peña D., Cabrera D., Becerra D.

CARRYOVER OF IMAZETHAPYR + IMAZAPIC TO NATURAL WINTER PASTURE AND TO NON-TOLERANT RICE

 ADSORPTION-DESORPTION BEHAVIOR OF THREE PESTICIDES AS INFLUENCED BY CHEMICAL COMPOSITION OF DECOMPOSING MAIZE MULCH
Aslam S., Bergheaud V., Garnier P., Rumpel C., Thiebeau P., Benoit P.

DEGRADATION AND RACEMIZATION OF HALOXYFOP-METHYL AND FREE HALOXYFOP ENANTIOMERS IN SOIL INVESTIGATED BY ENANTIOSELECTIVE HRGC AND VARIOUS MASS SPECTROMETRIC DETECTION TECHNIQUES
M.E. Balmer, T. Poiger, I.J. Buerge, H.R. Buser, and M.D. Müller

MANAGEMENT OF PESTICIDE DISTRIBUTION REMNANTS IN ITALIAN GLASSHOUSES AND VINEYARDS
Balsari P., Oggero G., Marucco P.

A MODEL OF VOLATILISATION AND SUBSEQUENT DRY DEPOSITION OF PESTICIDES TO SURFACE WATERS
Bedos C., Loubet B., Sameut Bouhaik A., Feiz A., Barriuso E.

ASSESSING THE EFFECTS OF URBAN WASTE RECYCLING PRACTICES ON PESTICIDE LEACHING IN A LONG-TERM FIELD STUDY
Benoit P., Simon N., Pot V., Deschamps M., Barriuso E., Michaud A., Houot S.

EMISSIONS OF PLANT PROTECTION PRODUCTS TO SURFACE WATER VIA DRAINAGE FROM SOIL-BOUND CULTIVATION OF PROTECTED CROPS
Beulke S., Van Os E.A., Sapounas A.A., Voogt W., Tiktak, A.

SORPTION AND MINERALIZATION OF S-METOLACHLOR IN CONSERVATION TILLAGE SOILS
Benoit Bolognési, Lionel Alletto, Pierre Benoit, Valérie Bergheaud, Valérie Dumény, Christian Longueval, Enrique Barriuso
AMPA (AMINOMETHYL-PHOSPHONIC ACID) MULTIPLE ORIGINS IN SURFACE WATER: A NEW LABORATORY TEST
Botta F., Couturier G., Blanchoud H. and Lavison-Bompard G.

ORGANOCHLORINE COMPOUNDS IN FISH AND SEDIMENTS OF THE SYRDARYA RIVER (KAZAKHSTAN): A BIOACCUMULATION SURVEY COUPLED WITH A MORPHOMETRIC INVESTIGATION
Botta F., Mamilov N., Labadie P., Alliot F., Moreau-Guigon E., Kozhabaeva E., Chevreuil M., Shalakhmetova T. and Blanchoud H.

AN APPROACH TO OPTIMIZE PESTICIDE MONITORING IN SURFACE WATER NATIONAL NETWORK (FRANCE)
Botta F., Feray C., Lepot B. and Leoz E.

COADSORPTION OF TWO PESTICIDES (DIURON AND METRIBUZIN) ON POWDERED ACTIVATED CARBON
Boucif A., Boussahel R., Harik D., Moussaoui K. M.

INFLUENCE OF DE-OILED TWO-PHASE OLIVE MILL WASTE APPLICATION ON DIURON LEACHING USING UNDISTURBED SOIL COLUMNS
Cabrera D., López-Piñeiro A., Albarrán A., Peña D., Becerra, D.

USE OF BIOCHAR AND OTHER SORBENTS TO REDUCE THE MOBILITY OF THE HERBICIDE MCPA IN A SANDY SOIL

EFFECT OF ADDITION OF ORGANIC WASTE TO SOILS ON BENTAZONE FATE
Cañero A.I., Cox L., Hermosín M.C., Cornejo J.

OXAMYL-DEGRADING BACTERIA: ISOLATION, CHARACTERIZATION AND THE GENE INVOLVED IN THE HYDROLYSIS OF CARBAMATES
Chanika E., Georgiadou D., Rousidou C., Karpouzas D. G.

FATE OF NON-EXTRACTABLE RESIDUES IN SOILS AND CONSEQUENCES FOR PESTICIDE RISK ASSESSMENT
Conrad A., Boivin A., Poulsen V., Mamy L.

PHOTOPHYSICAL CHARACTERIZATION OF THE PLANT GROWTH REGULATOR 2-NAPHTHOXYACETIC ACID
Eliana S. Da Silva, Pascal Wong-Wah Chung, Mohamed Sarakha, Hugh D. Burrows

SORPTION OF CLOPYRALID ON METAL ORGANIC FRAMEWORKS
De Wilde T., Leus K., Steurbaut W., Van Der Voort P.

MITIGATION OF DRAINED PLOT PESTICIDE POLLUTION IN CONSTRUCTED WETLANDS
Dousset S., Vallée R., Billet D.

PITSA– A NEW SET OF INDICATORS FOR PROTECTING DRINKING WATER QUALITY ACROSS THE EU
Dubus I.G., Reichenberger S., Aubert A., Lambeau M., Tellier S., Tàlva R.
DISSIPATION AND DEGRADATION OF ENDOSULFAN IN/ON CAULIFLOWER (Brassica oleracea L., var. botrytis)
Anil Duhan, Saroj Duhan and Beena Kumari

SIMPLE STANDARDIZED SOIL COLUMN TRANSPORT EXPERIMENTS TO EVALUATE THE EFFECTIVE SORPTION BEHAVIOUR OF FOUR DIFFERENT PESTICIDES IN FOUR DIFFERENT SOILS
Fent G., Geissler S., Hammel K.

INVESTIGATION OF THE POTENTIAL GLYPHOSATE GROUNDWATER CONTAMINATION IN LOMBARDIA REGION (NORTH ITALY)
Ferrari F., Calliera M., Lamastra L.

ADSORPTION/DESORPTION BEHAVIOR OF THIRAM AND ITS FORMULATION POMARSUL® ONTO COMMERCIAL HUMIC ACIDS
Filipe O., Vidal M., Duarte A., Santos E.

MODELLING VOLATILISATION IN BROWSE PROJECT. THE BROWSE-PEARL MODEL
Fragkoulis G., Van Den Berg F., Butler Ellis M.C., Trevisan M.

PARAMETER UNCERTAINTY AND VARIABILITY AND THEIR EFFECTS ON EXPOSURE ESTIMATES
Gao, Z., Hammel K., Görlitz, G.

MEASUREMENTS AND MODELING OF PESTICIDE PERSISTENCE IN SOIL AT THE CATCHMENT SCALE
Ghafoor A., Jarvis N.J, Thierfelder T., Stenström J.

INVERSE ESTIMATION OF KINETIC SORPTION PARAMETERS FROM A FIELD STUDY
Hammel K., Menke U., Stupp H.-P., Heinemann O., Freitag T., Schäfer D., Görlitz G.

FATE OF AZOXYSTROBIN IN A VINEYARD SOIL UNDER LABORATORY AND FIELD CONDITIONS: INFLUENCE OF SPENT MUSHROOM SUBSTRATE
Herrero-Hernández E., Andrades M.S., Marín-Benito J.M., Sánchez-Martín M.J., Rodríguez-Cruz M.S.

EMISSIONS OF PLANT PROTECTION PRODUCTS TO AIR FOR PROTECTED CROPS
Holterman H.J., Sapounas A.A., Beulke S., Van Os E.A., Glass C.R.

FROM HAZARD TO RISK: INTRODUCING THE VULNERABILITY INTO PESTICIDE ECOTOXICOLOGY
Ippolito A., Vighi M.

EXTRACTION OF BRICKYARD CLAY - A PESTICIDE VULNERABILITY ASSESSMENT BY RECOVERING FARMLAND AFTER ABSTRACTION OF A CLAY LAYER
Jacobsen, O.S., Aamand, J.

MODELING SPATIAL VARIATION IN MICROBially-MEDIATED PESTICIDE DEGRADATION
Jarvis, N.J., Ghafoor, A., Moeys, J., Tranter, G., Stenström, J.
USING NON-EQUILIBRIUM SORPTION PARAMETERS FOR THE PREDICTION OF ENVIRONMENTAL CONCENTRATIONS IN GROUNDWATER FOR REGULATORY PURPOSE

PESTICIDE LEACHING– LESSON LEARNED FROM A DANISH POST MONITORING PROGRAMME
Kjær, J., Rosenbom, A.R., Grant, R., Olsen, P.

ENVIRONMENTAL RISK INDICATORS FOR EVALUATING THE DUTCH POLICY ON SUSTAINABLE PLANT PROTECTION
Kruijne, R., Van Der Linden, A.M.A., Tiktak, A., Groenwold, J., Deneer, J.

NATION-WIDE ASSESSMENT OF PESTICIDE LEACHING TO GROUNDWATER IN GERMANY: COMPARISON OF MODEL RESULTS WITH PESTICIDE FINDINGS IN GROUNDWATER MONITORING WELLS
Kuhr P., Vanderborght J., Wendland F., Vereecken H.

A QUANTITATIVE APPROACH FOR RANKING RISKS FROM PESTICIDES USED IN IRISH AGRICULTURE
Labite H. and Cummins E.

EVALUATION OF PESTICIDE ACCUMULATION IN BIOFILM: METHOD DEVELOPMENT AND ACCUMULATION KINETICS
Lahjouj F., Margoum C., Tili A., Coquery M., Montuelle B.

EVALUATION OF A MECHANISTIC ALGORITHM TO CALCULATE THE INFLUENCE OF A SHALLOW WATER TABLE ON HYDROLOGY SEDIMENT AND PESTICIDE TRANSPORT THROUGH VEGETATIVE FILTER STRIPS
Lauvernet C., Muñoz-Carpena R., Fontaine A., Carluer N.

HYDROLOGICAL CONNECTIVITY AND EROSION PROCESSES MODELLING TO IMPROVE PESTICIDE LOADS ASSESSMENT AT THE CATCHMENT SCALE
Lefrancq M., Jetten V., Imfeld G., Van Dijk P., Mcgrath G.S., Hinz C., Gregoire C., Payraudeau S.

HOW UNIFORM ARE WATER FLOW AND PESTICIDE TRANSPORT IN CULTIVATED SANDY SOILS?
Leistra M., Boesten, J.J.T.I.

SORPTION AND PERSISTENCE OF MCPA ON A CALCAREOUS CLAY SOIL AFFECTED BY DE-OILED TWO-PHASE OLIVE MILL WASTE AMENDMENT
López-Piñeiro A., Albarrán A., Peña D., Cabrera D., Becerra D.

QQQ AND Q-TOF MASS SPECTROMETRY DIRECT AQUEOUS ANALYSIS OF PESTICIDES IN WATER
Lucini L., Pellegrino R., Cimino N., Molinari G.P.

REMOVAL OF PESTICIDE MIXTURES IN A STORMWATER WETLAND COLLECTING RUNOFF FROM A VINEYARD CATCHMENT
Maillard E., Ortiz F., Payraudeau S., Imfeld G.

TEMPERATURE DEPENDENCY OF GLYPHOSATE AND SELECTIVE HERBICIDES FATE IN SOILS: CONSEQUENCES ON RISK ASSESSMENT
Mamy L., Barriuso E., Gabrielle B.
EFFECT OF COMPACTION AND COMPOST AMENDMENT ON THE FATE AND ECOTOXICOLOGICAL IMPACT OF ISOPROTURON IN SOIL
Mamy L., Vieuble-Gonod, L., Benoit P., Chaplain V., Houot S., Mougin C.

REDUCTION OF FIPRONIL DOSAGE FOR BRAZILIAN RICE WATER WEEVIL CONTROL
Martins J., Rosa A., Mattos M., Theisen G.

DISSIPATION OF BISPYRIBAC-SODIUM IN SOIL, WATER AND SEDIMENT OF FLOODED RICE FIELD
Mattos M. L.; Andres A.; Almeida, M. T.; Facio, M. L.; Silva, M. F.

INTEGRATED PRODUCTION SYSTEM OF RICE FOR RISK PREVENTION IN BRAZIL
Mattos M. L., Martins J. F., Nunes C. D., Andres A.

PESTICIDE LEACHING FROM DIFFUSE AGRICULTURAL SOURCES TO GROUNDWATER IN THE REPUBLIC OF IRELAND
McManus S-L., Mellander PE, Richards K.G, Coxon C.E

DETECTION OF CR VI IN ORGANIC SUBSTRATES
Medini L., Cavalleri P., Bruzzone D., Accinelli C., Minuto A., Minuto G.

A METHOD OF EXTRACTION OF INSECTICIDE ACTIVE INGREDIENTS FROM LARVAE OF RHYNCOFORUS FERRUGINEUS
Medini L., Cavalleri P., Bruzzone D., Accinelli C., Minuto A., Minuto G.

CHEMICAL CONTROL OF PEST AND DISEASE OF AROMATIC PLANTS: PROBLEMS AND PERSPECTIVES
Medini L., Cavalleri P., Accinelli C., Minuto A., Bogliolo A., Minuto G.

HERBICIDE LEACHING FROM MAIZE FIELDS AS AFFECTED BY WEED CONTROL STRATEGY
Milan M., Vidotto F., Piano S. And Ferrero A.

MITIGATION OF FLUFENACET AND ISOXAFLUTOLE RUNOFF FROM TWO SOILS CULTIVATED WITH MAIZE IN NORTHERN ITALY
Milan M., Vidotto F., De Palo F., Piano S., Alesso E., And Ferrero A.

EVALUATION OF PESTICIDE LOSSES AND DRIFT DURING TREATMENTS IN VINEYARD
Monaci E., Coppola L., Casucci C., Vischetti C.

ESTABLISHMENT OF AN EUROPEAN DATABASE ON COVERED CROPS FOR EXPOSURE ASSESSMENT OF PESTICIDES
Mosbach-Schulz O, Capri E, Steurbaut W, Pardossi A, Sas L

MEASURING THE BEHAVIORAL RESPONSE OF A COMMON AMPHIPOD Echinogammarus stammeri FOUND IN LOWLAND SPRINGS IN NORTH ITALY TO AGRICULTURAL CONTAMINANTS
Moszczynska A., Cattani I., Trevisan M.

APPLYING THE PRODUCT-RELATED PESTICIDE FOOTPRINT TO KIWIFRUIT PRODUCTION IN NEW ZEALAND
EFFECT OF SOIL STERILIZATION ON TERBUTHYL AZINE AND DIURON DISSIPATION IN AMENDED AND UNAMENDED SOILS
Muñoz, A., Cox, L., Hermosin, M. C. and Cornejo, J.

ATMOSPHERIC DEGRADATION OF THE PROPA CLHOR HERBICIDE AND RELATED COMPOUNDS. KINETICS AND DEGRADATION PRODUCTS
Muñoz A., Vera T., Sidebottom H., Mellouki A., Rodenas M., Borras E.

UPTAKE AND TRANSLOCATION OF acibenzolar-S-methyl IN TOMATO PLANTS AFTER SOIL APPLICATION
Myresiotis C.K., Vryzas Z., Papadopoulou-Mourkidou E.

MODELING OF VOLATILISATION, TRANSPORT AND DEPOSITION OF PESTICIDES AT SHORT DISTANCE FOR REGULATORY PURPOSES
Nuutinen S., Durand E., Roulier S.

METRIBUZIN ADSORPTION ON A SILTY-CLAY SOIL OF ALGERIA: EFFECTS OF FERTILIZER AND pH
Oukali-Haouchine O., Moussaoui K.M., Harik D., Mayata Y.

SORPTION-DESORPTION BEHAVIOUR OF METRIBUZIN IN TWO INTENSIVE-CROP SOILS AFFECTED BY TWO-PHASE OLIVE MILL WASTE AMENDMENT
Peña D., López-Piñeiro A., Albarrán A., Cabrera D., Becerra D.

AN INNOVATIVE SYSTEM TO REDUCE DUST DRIFT DURING SOWING OF DRESSED SEEDS WITH PNEUMATIC DRILLS
Pochi D., Biocca M., Fanigliulo R., Gallo P., Pulcini P., Conte E.

E. COLI AND STAPHYLOCOCCUS AUREUS AS MODEL SYSTEMS FOR SCREENING OF PESTICIDE TOXICITY
Polláková J, Kovalkovičová N., Pistl J., Csank T., Legáth J.

A PESTICIDE TRANSFER MODEL AT THE CATCHMENT SCALE USING A DYNAMIC-LINKAGE

BIOMASS ASH AS SORBENTS OF PESTICIDES IN WATER
Quirantes M., Nogales R., Romero E.

REMOVAL OF ORGANIC POLLUTANTS FROM TREATED WASTEWATER USING MICELLE-CLAY FILTERS
Qurie M., Khamis M., Karaman R., Scrano L., Bufo S.A.

WORLD EXPOSURE ASSESSMENT TOOL
Ritter A., Cheplick J. M., Williams W. M.

ENHANCEMENTS OF THE winPRZM MODEL
Ritter A., Cheplick J. M., Williams W. M.
VALIDATION OF A METHOD FOR THE ANALYSIS OF 1,3-DICHLOROPROPENE AND CHLOROPICRIN IN SOIL AND THEIR DETERMINATION IN GREENHOUSE PEPPER CROP IN THE SOUTH OF SPAIN

LABORATORY STUDY TO INVESTIGATE THE EFFECT OF HUMIC ACID ON PHOTODEGRADATION OF 14C-PARATHION-METHYL
Setzer S., Fent G., Kubiak R.

ANALYTICAL METHOD FOR THE RESIDUE ANALYSIS OF BENALXYL-M, THE ACTIVE ISOMER OF THE FUNGICIDE BENALAXYL, IN AGRICULTURAL AND PROCESSED COMMODITIES AND ON FOOD OF ANIMAL ORIGIN
Sicbaldi F., Soddu R., Riccelli S., Arienta S.

TWO-DIMENSIONAL DEPOSITION RATES OF VOLATILISED LINDANE INVESTIGATED IN LARGE OUTDOOR WIND TUNNEL STUDIES
Staffa C., Fent G., Kubiak R.

CLIMATE CHANGE IMPACTS ON PESTICIDE LEACHING – A REGIONAL PERSPECTIVE
Steffens K., Moey S., Jarvis N.J., Lewan E.

DEGRADATION OF THE FUNGICIDE CYPRODINIL AFTER THE ADSORPTION ON ORGANO-CLAYS
Suciu N.A., Ferrari T., Ferrari F., Trevisan M., Capri E.

AN ISOTOPE EXCHANGE TECHNIQUE TO QUANTIFY IRREVERSIBILITY IN CHLOROTOLURON SORPTION-DESORPTION BY THREE BRITISH SOILS
Suddaby L A., Beulke S., Van Beinum W., Oliver R G., Kuet S., Brown C D.

DEGRADATION HALF-LIVES OF 2,6-DICHLOROBENZAMIDE (BAM) IN SOIL BASED ON FIELD DISSIPATION AND FIELD LEACHING TRIALS
Sur R. And Kley C.

COMBINED 1D- AND 2D-MODELLING OF THE LEACHING AND TRANSPORT OF A METABOLITE OF A PLANT PROTECTION PRODUCT FROM A FIELD TO A DRINKING WATER ABSTRACTION POINT
R. Sur, T. Oertel, M. Himml, G. Görlitz

MULTI-DIMENSIONAL MODELLING OF PESTICIDE PLACEMENT AND FATE IN THE SOIL-ROOT-PLANT SYSTEM

FIRST EXPERIENCES WITH A NEW EFSA GUIDANCE FOR EVALUATING LABORATORY AND FIELD DEGRADATION STUDIES
Szegedi, K., Erzgräber, B., Gottesbüren, B., Wiedemann, G.

SIMULATION OF PESTICIDE LEACHING TO GROUNDWATER IN PADDY RICE AREAS IN CHINA
RISK REDUCTION OPTIONS FOR HERBICIDE USE ON HARD SURFACES: ANALYSIS WITH THE HARDSPEC MODEL
Uneze T.E., Garratt J.A., Nfon E., Lye C.M.

EMISSIONS OF PLANT PROTECTION PRODUCTS TO GROUNDWATER FROM USE IN PROTECTED CROPS

FIELD MEASUREMENTS OF SELECTED PESTICIDES IN AMBIENT AIR –GAS AND PARTICULATE PHASE- IN THE VALENCIAN REGION
Vera T, Muñoz A, Sanchez P, Palau Jl, Borrás E

EMISSIONS OF PLANT PROTECTION PRODUCTS TO SURFACE WATER FROM SOILLESS GREENHOUSE CROPPING SYSTEMS
Vermeulen T., Van Der Linden A.M.A., Van Os E.A., Cornelese A.A., Ludeking D.J.W., Wipfler E.L.

UNCERTAINTY IN PESTICIDE MONITORING USING SUCTION CUPS: EVIDENCES FROM NUMERICAL SIMULATIONS
Weihermüller, L., Kasteel, R., Vanderborght, J., Šimunek, J., Vereecken, H.

DOES ORGANIC MATTER MATTER IN THE LEACHING ASSESSMENT ?
E.L. Wipfler, Fait, G. And Boesten, J.J.T.I.

PHOTOSTABILITY OF TRANSFORMATION PRODUCTS FROM THREE SELECTED PESTICIDES EXPOSED TO SIMULATED SUNLIGHT CONDITIONS
Žabar R., Trebše P.